

The 429th meeting of the State Expert Appraisal Committee (SEAC) was held on 16th March, 2020 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting-

1. Dr. Mohd. Akram Khan, Member.
2. Dr. A. K. Sharma, Member.
3. Dr. Jai Prakash Shukla, Member.
4. Dr. R. Maheshwari, Member.
5. Shri R. S. Kori, Secretary.

The Chairman welcomed all the members of the Committee and thereafter agenda items were taken up for deliberations.

1. **Case No. - 5853/2019 M/s. Sakar Builders, 118, Rafael Towers, 8/2 Old Palasia, Dist. Indore, MP – 452001 Prior Environment Clearance for Construction of Residential Cum Commercial Project "Elite Apex" (Total Plot Area = 13,930.0 sqm., Total Built-up Area = 59,977.20 sqm) at Khasra no 161/1/2, 161/1/3, 161/1/4, 161/1/5, 161/1/6, 162/1, 162/2, 161/1/1, 161/2, Village - Pipaliya Kumar, Tehsil - Indore & Dist. Indore, MP. (Building Construction).Env. Con. – Env. Con. – EQMS, Delhi.**

This is case of Prior Environment Clearance for Construction of Construction of Residential Cum Commercial Project "Elite Apex" (Total Plot Area = 13,930.0 sqm., Total Built-up Area = 59,977.20 sqm, Built-up Area Constructed – 59,232.33 m2) at Village - Pipaliya Kumar, Tehsil - Indore & Dist. Indore, (M.P.). Category: 8(a) Building & Construction Project. The project requires prior EC before commencement of any activity at site.

Earlier this case was scheduled in 345th SEAC meeting dated 21/02/2019 wherein: neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was scheduled in 351st SEAC meeting dated 16/03/2019 meeting, wherein ToR (For Violation) has been recommended.

PP has submitted the EIA report vide letter dated 24/02/2020 which was forwarded through SEIAA vide letter no. 4652 dated 27/02/2020 which was placed before the committee.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

2. Case No. - 5669/2018 M/s Jigsun Alloys Pvt. Ltd, Plot No. 10, House No. 762, Tilaknagar, Dharampeth, Nagpur, MH-440010. Prior Environment Clearance for Dolomite Mine in an area of 4.830 Ha. (51,101 ton per annum) (Khasra no. 278) at Vill. Lohani, Teh. Sausar, Dist. Chhindwara, (MP).

This is case of Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra no. 278) at Vill. Lohani, Teh. Sausar, Dist. Chhindwara, (MP). 4.830 Ha. The project requires prior EC before commencement of any activity at site.

This case was scheduled in 312th SEAC meeting dated 17/04/2018 wherein PP has submitted a copy of approved Mining Plan, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office vide letter no.2365 dated: 15/12/2017 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 42.511 ha including this mine. It being a case of cluster committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs and conditions mentioned in annexure-D:

1. During monitoring activities, appropriate photographs with date should be taken by and submitted along with the EIA Report.
2. Compliance of consent conditions of the MP Pollution Control Board should be obtained from concerned Regional Officer with pictorial and documented proof.
3. Top soil management plan be discussed in the EIA report.
4. Ground water recharge study of the nearby area be carried out by the PP and same should be discussed in the EIA report.
5. Inventory of operating / proposed mines within 2 Km around the said mine should be provided in the EIA report.
6. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
7. Alternate mineral evacuation route avoiding the nearby habitations (i.e Sawanga Village) should be proposed in the EIA report with budgetary allocations and road dimensions.
8. Land use plan should be plotted on the map.
9. Plan to avoid surface Run –off in the nearby river should be addressed properly in the EIA report.
10. ESP & SAR should be done in Soil analysis.
11. Details of last three years activity –wise expenditure done on Environment and CSR should be submitted in the EIA.
12. PP informed that no production is obtained from 2014 for which an affidavit of PP shall be submitted with the EIA report.

PP has submitted EMP vide letter dated 24/11/2018 which was forwarded through SEIAA vide letter no. 1773 dated 06/12/2018.

Earlier this case was scheduled for the EMP presentation and discussion in 338th SEAC meeting dated 02/01/2019, wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

This case was scheduled for the EMP presentation in 340th SEAC meeting dated 30/01/2019 but PP vide letter dated 29/01/2019 has requested to remain absent as due to unavoidable conditions. Committee considering the request of PP's and decided to call in subsequent meeting of the SEAC.

Today (in 344th SEAC meeting dated 20/02/2019) this case was scheduled where PP was present. During discussion and perusal of the documents submitted by the PP, it was observed by the committee that TOR was issued to PP in 312th SEAC meeting dated 17/04/2018, but PP has submitted the EMP not the EIA. Committee after deliberations decided that being it's a case of Dolomite Mine with an area of 4.830 Ha and M.O vide letter no.2365 dated: 15/12/2017 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 42.511 ha., including this mine. According to the latest O.M F. No. L-11011/175/2018/-IA-II (M) dated 12/12/2018, if a cluster or an individual lease exceeds 5 ha., the EIA be made applicable in the process of grant of prior environmental clearance and thus committee decided to stand by its earlier recommendations which were made in 312th SEAC meeting dated 17/04/2018 and asked PP to put up EIA study report with public hearing as per the EIA Notification, 2006.

PP has submitted EIA vide letter dated 08/01/2020 which was forwarded through SEIAA vide letter no. 4847 dated 05/03/2020.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

3. Case No 6874/2020 M/s. Gosai Dhan Krapa Stone Crusher, R/o Village - Abhou, Tehsil - Gaurihar, Dist. Chhatarpur, MP – 471515 Prior Environment Clearance for Stone Mine in an area of 2.00 ha. (20,000 cum per annum) (Khasra No. 584P), Village - Tikari, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Stone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 584P), Village - Tikari, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Assistant Draft Man (Collector Office Chhatarpur) dated: 10/12/2018 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine total area of 8.400 ha., including this mine.

The case was presented by PP and their consultant wherein PP has submitted the salient features of this project:

Salient features of the project:

Sr. No.	Particulars	Details
1.	Name of the project	Tikari stone mine
2.	Name of the proponent	M/s Gosai dhan krapa stone crusher
3.	Area	2.00hac
4.	Avg. Production capacity	20000 cum.
5.	Village	Tikari
6.	Tehsil	Gorihar
7.	District	Chhatarpur
8.	State	Madhya Pradesh
9.	Latitude	N 25°15'35.45" to 25°15'40.37"
10.	Longitude	E 80°01'46.20" to 80°01'52.31"
11.	Toposheet No.	63C/3

12	Land Use pattern(Forest,Agricultural grading, barren etc)	Non forest land
13.	Cost of the project	20 Lacs
15.	Environmental Management Cost	Approx.. 20,000- 30,000 per year
16.	CSR Activity Budget	1.0- 1.5 lac per year

PP stated that the mine area is proposed for khasra No. 584 at Village Tikari, Tehsil Gorihar and District Chhatarpur, M.P. respectively having a total area 2.00ha. Mining will be done in a semi- mechanized way, i.e. by manual means and small machines no heavy machinery will be deployed. Now, considering the demand and supply of stone, lessee wants to apply environmental clearance for his mine lease for stone production.

During presentation as per the Google image based on coordinates provided by PP it was observed that this site is located at the height of approximately 54 meters. PP further submitted that in the bottom side of the lease where 03 trees and an old structure (Yagyashala) are existing, this area of the lease shall be dealt as non- mining area. Committee after deliberations decided that being it's a case Stone Quarry with cluster area of 8.40 ha. and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. PP shall be submitted the inventory of trees, details of girth, species, photographs and proposal for further 2000 plantation scheme in the EIA report.
2. Proposed evacuation route with gradient shall be discussed in the EIA report.
3. A blast induced ground vibration and air over pressure study for the mines located within 500 meters of any dwellings or any other important structure. The study should clearly recommend a site specific square root predictor equation for determining the maximum charge/delay that can be safely used.
4. Free silica with its mineralogical composition shall be analyzed in P.M 10.
5. Difference between top most RL and ground RL shall be provided in the EIA report to assess the actual height of the hill.
6. Proposal for extensive green belt plan considering the high volume of mining shall be provided in EIA report.

7. Proposal for pucca evacuation road with atleast 7.5 meters width and shoulders of 0.5 meters each on both sides shall be furnished in the EIA report as per Indian Road Congress standards.
 8. Proposal for grazing land in EMP & CER shall be discussed as per latest O.M dated 16/01/2020.
4. **Case No 6878/2020 Shri Atul Singh Tiwari, Village - Chormari, Tehsil - Rampur Baghelan, Dist. Satna, MP Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (5,000 cum per annum) (Khasra No. 860/1/KA/1), Village - Chormari, Tehsil - Rampur Baghelan, Dist. Satna (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 860/1/KA/1), Village - Chormari, Tehsil - Rampur Baghelan, Dist. Satna (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 2370 dated: 07/09/2019 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine total area of 8.420 ha. including this mine.

The case was presented by PP and their consultant wherein PP has submitted the salient features of this project:

Salient features of the project:

Name of the Project	CHORMARI STONE MINE QUARRY of Shri Atul Singh Tiwari
Lease Area	2.00 Hectare
Khasra No./Compartment no.	860/1/KA/1, GOVT. LAND
Village	Chormari
Tehsil & District	Tehsil – Rampur-Baghelan, District - Satna
Toposheet no.	No. 63 H

Production Capacity	The average production is 5000 m ³ (AVG. PRODUCTION Per Year)
Lease Period	Lease Period 10 Year
MINING Plan Approval	SR. NO-2028 / Khanij/n/s/ 2018 Satna, Dated – 26.07.2018
State order vide letter No.	1808/Khanij/2018 Satna, Dated – 25.06.2018
Occupancy	Fresh Mine Lease
Nearest Highway	NH-39 ~ 8.7 KM In (W) Direction
Nearest Railway Station	Reva Railway Station – 15.5 Km (SE), Connecting Railway Line Reva To Satna
Nearest Airport	Satna Airport – 24.3 Km (SW)

During presentation as per the Google image based on coordinates provided by PP it was observed that kachha road is just 05 meters in the north side PP shall left 05 meters set back. Moreover, in the DFO letter vide no. 12471 dated 26/12/2019 forest area is at a distance of approx. 175 meters from the lease boundary, for which PP has obtained approval from Divisional Commissioner Level Forest Committee, the meeting held on 08.05.2018. Committee after deliberations decided that being it's a case Stone Quarry with cluster area of 8.420 ha. and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. Kachch road is just 05 meters in the north side PP shall left as set back of 05 meters and all maps shall be prepared considering set back distance.
2. A study should be conducted and elaborate in the EIA as “effect of mining on surrounding agriculture land” as area is very much enclosed with agriculture fields.
3. During Environmental Monitoring of soil samples, heavy metal in all soil samples and pesticides (minimum in 01 sample) analysis shall also be conducted.
4. Proposed evacuation route with gradient shall be discussed in the EIA report.
5. Protection plan w.r.t. to water body which is just >60 meters in the S-W direction of the lease.

6. PP will also explore common evacuation route for other mines which are in vicinity for transportation so that minimum impacts may occur on the environment.
7. Proposal for grazing land in EMP & CER shall be discussed as per latest O.M dated 16/01/2020.

5. Case No 6880/2020 Shri Romit Pandey S/o Shri Arun Pandey, E-18/68, Arera Colony, Basant Kunj, Tehsil - Huzur, Dist. Bhopal Prior Environment Clearance for Stone Quarry in an area of 3.420 ha. (12,000 cum per annum) (Khasra No. 841/1/KA/1), Village - Chormari, Tehsil - Rampur Baghelan, Dist. Satna (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 841/1/KA/1), Village - Chormari, Tehsil - Rampur Baghelan, Dist. Satna (MP) 3.420 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 1116 dated: 28/03/2019 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine total area of 8.420 ha., including this mine.

The case was presented by PP and their consultant wherein PP has submitted the salient features of this project:

Salient features of this project:

Name Of The Project	Chormari Stone Quarry of Shri Romit Pandey
Lease Area	3.420 Ha
Khasra No./ Compartment No.	841/1/Ka/1, Govt. Land
Village	Chormari
Tehsil & District	Tehsil – Rampur Baghelan, District – Satna
Toposheet No.	63H

Production Capacity	The Average Production is 12000 m ³
Lease Period	Lease Period 10 Year From 2010 TO 2020
Mining Plan Approval	Sr. NO-2067-69?MP/N. Sr./ 18 Riva dated 28.12.2018
Occupancy	Fresh Mine Lease
Nearest Highway	NH-39 ~ 8.7 KM In (W) Direction
Nearest Railway Station	Reva Railway Station – 15.5 Km (SE), Connecting Railway Line Reva To Satna
Nearest Airport	Satna Airport – 24.3 Km (SW)

During presentation as per the Google image based on coordinates provided by PP it was observed that a kachha road is originating from the lease in the east side, PP will give alternate way to the villagers. Moreover, in the DFO letter vide no. 12474 dated 26/12/2019 forest area is at a distance of approx. 210 meters from the lease boundary, for which PP has obtained approval from Divisional Commissioner Level Forest Committee, meeting held on 08.05.2018. Committee after deliberations decided that being it's a case Stone Quarry with cluster area of 8.420 ha. and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. Undertaking that a kachch road is originating from the lease in the east side, PP will give alternate way to the villagers.
2. A study should be conducted and elaborate in the EIA as “effect of mining on surrounding agriculture land” as area is very much enclosed with agriculture fields.
3. During Environmental Monitoring in soil samples heavy metal in all soil samples and pesticides (minimum in 01 sample) analysis shall also be conducted).
4. Protection plan w.r.t. to natural drain at >60 meters and a water body which is just >250 meters in the S-E direction of the lease.
5. PP will also explore common evacuation route for other minims which are in vicinity for transportation so that minimum impacts may occur on the environment.
6. Proposal for grazing land in EMP & CER shall be discussed as per latest O.M dated 16/01/2020.

6. Case No 6881/2020 Shri Shivmangal Singh Gour, Basant Vihar, 301, Gulmohar Basant Vihar, Dist. Indore, MP Prior Environment Clearance for Stone Quarry in an area of 3.00 ha. (10,000 cum per annum) (Khasra No. 860/1/KA/1), Village - Chormari, Tehsil - Rampur Baghelan, Dist. Satna (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 860/1/KA/1), Village - Chormari, Tehsil - Rampur Baghelan, Dist. Satna (MP) 3.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 2411 dated: 16/09/2019 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine total area of 8.420 ha., including this mine.

The case was presented by PP and their consultant wherein PP has submitted the salient features of this project:

Salient features of this project:

Name of the Project	Chormari Stone Quarry of Shri Shivmangal Singh Gour
Lease Area	3.00 Hectare
Khasra No./Compartment no.	860/1/KA/1, GOVT. LAND
Village	Chormari
Tehsil & District	Tehsil- Rampur Baghelan District- Satna,
Toposheet no.	No. 63 H
Production Capacity	The average production is 10,000 m3
Lease Period	Lease Period 10
MINING Plan Approval	LETTER NO. 997/MA.PLAN/NO. SR./18, REVA DATED 07.06.2018

State order vide letter No.	LETTER NO. 1485/KHANIJ/2018, SATNA DATED 21.05.2018
Occupancy	Fresh Mine Lease
Nearest Highway	NH-39 ~ 8.7 KM In (W) Direction
Nearest Railway Station	Reva Railway Station – 15.5 Km (SE), Connecting Railway Line Reva To Satna
Nearest Airport	Satna Airport – 24.3 Km (SW)

During presentation as per the Google image based on coordinates provided by PP it was observed that a kachha road is originating from the lease in the east side, PP will give alternate way to the villagers. Moreover, in the DFO letter vide no. 2003 dated 22/02/2018 forest area is at a distance of approx. 75 meters from the lease boundary, for which PP has obtained approval from Divisional Commissioner Level Forest Committee, meeting held on 08.05.2018. Committee after deliberations decided that being it's a case Stone Quarry with cluster area of 8.420 ha. and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. Undertaking that a kachch road is originating from the lease in the east side, PP will give alternate way to the villagers.
2. A study should be conducted and elaborate in the EIA as “effect of mining on surrounding agriculture land” as area is very much enclosed with agriculture fields.
3. During Environmental Monitoring in soil samples heavy metal in all soil samples and pesticides (minimum in 01 sample) analysis shall also be conducted).
4. Protection plan w.r.t. to a water body which is just >50 meters in the South direction of the lease.
5. PP will also explore common evacuation route for other mines which are in vicinity for transportation so that minimum impacts may occur on the environment.
6. Proposal for grazing land in EMP & CER shall be discussed as per latest O.M dated 16/01/2020.

7. Case No 6863/2020 Shri Balkrishna Dwivedi S/o Shri Ramsuhavan Dwivedi, State Bank Colony, Ward No. 33, Tehsil & Dist. Balaghat, MP Prior Environment Clearance for Stone Quarry in an area of 1.41 ha. (14,322 cum per annum) (Khasra No. 174/1, 174/2), Village - Kothiya, Tehsil - Seoni, Dist. Seoni (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 174/1, 174/2), Village - Kothiya, Tehsil - Seoni, Dist. Seoni (MP) 1.41 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Assistant Mining Officer (Collector Office Seoni) letter no. 433 dated: 08/03/2016 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine total area of 13.41 ha., including this mine.

PP vide letter dated 16.03.2020 informed SEAC committee that due to some unavoidable circumstances PP is not going to expand their existing production capacity of the project , hence they are withdraw their EC application. Committee considering the request of PP recommends that the case no 6863/2020 of Shri Balkrishna Dwivedi may be withdrawn on the basis of application submitted by PP on dated 16/03/2020.

8. Case No 6864/2020 Shri Balkrishna Dwivedi S/o Shri Ramsuhavan Dwivedi, State Bank Colony, Ward No. 33, Tehsil & Dist. Balaghat, MP Prior Environment Clearance for Stone Quarry in an area of 4.87 ha. (97,731 cum per annum) (Khasra No. 565, 566/1, 566/2, 569/1), Village - Ganeruwa, Tehsil - Seoni, Dist. Seoni (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 565, 566/1, 566/2, 569/1), Village - Ganeruwa, Tehsil - Seoni, Dist. Seoni (MP) 4.87 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Assistant Mining Officer (Collector Office Seoni) letter no. 1335 dated: 14/09/2018 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine total area of 6.62 ha. including this mine.

The case was presented by PP and their consultant wherein PP has submitted the salient features of this project:

Salient features of this project:

Name of the Project	Gangeruwa Stone Quarry
Lease Area	4.87 Hectare
Khasra No./Compartment no.	565,566/1,566/2,569/1 , Pvt. Land
Village	Gangeruwa
Tehsil & District	Tehsil – Seoni, District - Seoni
Toposheet no.	No. 55 N/11
Project Co-ordinates	Latitude : 22°13'10.17"N to 22°13'20.97"N Longitude : 79°29'53.99"E to 79°30'03.18"E
Production Capacity	The average production is 97,731 M3 (Avg. Production Per Year)
Lease Period	Lease Period 10 Year from 2018 to 2028
Mining Plan Approval	SR. NO-3445 / Khani-2/nkr./2018-19 Jabalpur, Dated – 31.08.2018
Occupancy	Fresh Mine Lease
Nearest Highway	NH-7 ~3.6 KM in (E) Direction
Nearest Railway Station	Seoni Railway Station – 15.00 km (S)
Nearest Airport	Jabalpur Airport – 120 Km (NE)

During presentation as per the Google image based on coordinates provided by PP it was observed that a canal is originating from south -west side of the lease , also a river is also flowing from north – east to south –east direction of the lease . PP will submit protection plan of these sensitive features in the EIA. Committee after deliberations decided that being it's a case Stone Quarry with cluster area of 6.62 ha. and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the

EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. Environmental Monitoring and analysis should be conducted in such a way that all soil samples comprise heavy metal analysis and atleast pesticides minimum from 01 sample should be analyzed.
2. A canal is originating from south -west side of the lease, hence, in the EIA report details of proposed blasting parameters with peak particles velocity, spacing between two holes, depth of charging, explosive used for per hole, powder factor , quantity of explosive per blasting etc. shall be given to avoid fly rocks projectile due to blasting.

9. Case No 6858/2020 Shri Rakesh Tyagi S/o Shri Somaliya Tyagi, Niwasi - 85 K, H.No. 1 to 178, Station Ward No. 3, Timari, Dist. Harda, MP – 461228 Prior Environment Clearance for Stone Quarry in an area of 4.047 ha. (37,926 cum per annum) (Khasra No. 104), Village - Dhanwada, Tehsil - Khirkiya, Dist. Harda (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 104), Village - Dhanwada, Tehsil - Khirkiya, Dist. Harda (MP) 4.047 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 2342 dated: 26/02/2019 has reported that there are 06 more mines operating or proposed within 500 meters around the said mine total area of 21.955 ha., including this mine.

The case was presented by PP and their consultant wherein PP has submitted the salient features of this project:

Name of Mine	Stone Quarry
Name of Mineral	Stone (Basalt)
Location of the Mine	Village- Dhanwada, Tehsil- Khirkiya, Dist.- Harda (M.P.)
Toposheet No.	55B/15

Type of land	Private land
Total Lease area and max. Production	4.047 Ha. and 37926 M3/ year
Geological Reserve	6,79,890 M3 10 m BGL
Mineable Reserve	5,61,120 M3
Ultimate depth of Conceptual Working	15 Meter
No. of Employees	70
Life of Mine	26 Years
Project Cost	40 lakh
Estimated Cost of CER	1,20,000/-

During presentation as per the Google image based on coordinates provided by PP it was observed that the lease area is already excavated in the north side for which PP submitted that they got the lease in this condition and have also shown the pit on surface map. The committee after deliberations decided that being it's a case Stone Quarry with cluster area of 21.955 ha., and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. On the Google image habitation is just > 400 meters in the eastern side of the lease. In the EIA, proposed blasting parameters with peak particles velocity, spacing between two holes, depth of charging, explosive used for per hole, powder factor , quantity of explosive per blasting etc.. Give such details in an integrated protection measures to avoid fly rocks projectile due to blasting in the nearby habitation.
2. Environmental Monitoring should be conducted in such a way that from all soil samples heavy metal should be analyzed and atleast pesticides (minimum in 01 sample) should be analyzed.
3. Proposal for plantation of 4100 trees.
4. Details of total excavated quantity till date.

10. Case No 6849/2020 Shri Dheeraj Kumar Jaat S/o Shri Jagdish Kumar Jaat, 85K, MP 1 to 178, Station Ward No. 3, Timarni, Dist. Harda, MP – 461331 Prior Environment Clearance for Stone Quarry in an area of 3.906 ha. (40,000 cum per annum) (Khasra No. 109, 110), Village - Dhanwada, Tehsil - Khirkiya, Dist. Harda (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 109, 110), Village - Dhanwada, Tehsil - Khirkiya, Dist. Harda (MP) 3.906 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 2342 dated: 26/02/2019 has reported that there are 07 more mines operating or proposed within 500 meters around the said mine total area of 25.861 ha., including this mine.

Earlier this case was scheduled for the presentation in 428th SEAC meeting dated 29/02/2020 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was presented by PP and their consultant wherein PP has submitted the salient features of this project:

Salient features of this project:

Name of Mine	Stone Quarry
Name of Mineral	Stone (Basalt)
Location of the Mine	Village- Dhanwada, Tehsil- Khirkiya, Dist.- Harda (M.P.)
Toposheet No.	55B/15
Type of land	Private land
Total Lease area and max. Production	3.906 Ha. and 40,000 M3/ year
Geological Reserve	7,03,080 M3 18 m BGL

Mineable Reserve	3,51,360 M3
Ultimate depth of Conceptual Working	21 Meter
No. of Employees	20
Life of Mine	11 Years upto depth of 21m
Project Cost	20 lakh
Estimated Cost of CER	60,000/-

During presentation as per the Google image based on coordinates provided by PP it was observed that kachch road is just 05 meters in the north side PP will left 05 meters as set back. The committee asked PP to submit copy of EC issued by DEIAA. The committee after deliberations decided that being it's a case Stone Quarry with cluster area of 21.955 ha., and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. Kachch road is just 05 meters in the north side PP will left set back of 05 meters and all maps shall be prepared considering set back distance.
2. PP shall justify why mining is so essential on agriculture field, as entire area is very much surrounded by agriculture fields and what are the likely impacts of this mining activity on agricultural produce of this area.

11. Case No 6920/2020 M/s K.P.Singh Bhadoriya Contractor, Shri Raju Khan, Authorized Person, 18, Prestige Apartment, Civil Line, Dist. Jabalpur, MP – 482001 Prior Environment Clearance for Sand Mine in an area of 4.50 ha. (1,17,000 cum per annum) (Khasra No. 439), Village - Diwari Mal, Tehsil - Dindori, Dist. Dindori (MP).

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 439), Village - Diwari Mal, Tehsil - Dindori, Dist. Dindori (MP) 4.50 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 594 dated: 20/02/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During presentation as per Google image based on coordinates provided by PP, it was observed that from some part of the lease area it appears that water is flowing for which PP submitted that very scanty flow water is there and they will not excavate sand from the submerged water bed. PP further submitted that this water will dry up by April and during excavation, water stream will not be disturbed and no any other significant sensitive features were observed within 500 meters of the lease area. The sanctioned depth of the sand is 2.6 meters.

After presentation the committee asked to submit following details:

- PP's commitment that no trucks will be used for sand evacuation, only trolley will be deployed for sand loading to a storage /collection point and then it will further transported through trucks/ trolleys.
- PP's commitment that private land will hired for worker's rest shelters, office etc.
- Revised plantation scheme for 1500 plants/year.

PP has submitted the response of above quarries same date vide letter dated 16.03.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

1. Production of Sand as per mine plan with quantity not exceeding 1,17,000 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 12.40 Lakh as capital and Rs 06.66 Lakh/year and under CSR Rs. 10.40 Lakh/years.

12. Case No 6793/2020 Shri Tikam Singh, Gram - Khodi Useth, Tehsil -Parosa, Dist. Morena, MP Prior Environment Clearance for Sand Quarry in an area of 2.096 ha. (58,200 cum per annum) (Khasra No. 2053), Village - Useth, Tehsil - Porsa, Dist. Morena (MP).

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2053), Village - Useth, Tehsil - Porsa, Dist. Morena (MP) 2.096 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 220 dated: 28/01/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for presentation in 428th meeting dated 29/02/2020, wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in 424th SEAC meeting dated 12/02/2020. Committee decided to call the PP in subsequent meetings giving last chance to present their case and even if PP remains absent the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

The case was presented by the PP and their consultant. PP stated that this is khodu bharu mine and method of mining will be open cast semi- mechanized. During presentation as per Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area.

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remark
Pucca Road	>300	West	Three rows of Plantation towards road side.

The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'C':

1. Production of Sand as per mine plan with quantity not exceeding 58,200 cum/year.
2. A budgetary provision for Environmental management Plan of Rs. 9.19 Lakh as capital and Rs 1.68 Lakh/year and under CSR Rs. 0.50 Lakh/years.

13. Case No 6873/2020 Shri Manvendra Singh S/o Late Shri Indrapal Singh, R/o Katra Mohalla, Dist. Panna, MP – 488001 Prior Environment Clearance for Flag Stone Quarry in an area of 1.00 ha. (2,001 cum per annum) (Khasra No. 188P), Village - Dhauna, Tehsil - Sahnagar, Dist. Panna (MP).

This is case of Flag Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 188P), Village - Dhauna, Tehsil - Sahnagar, Dist. Panna (MP) 1.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 202 dated: 30/01/2020 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine total area of 3.15 ha., including this mine.

The case was presented by PP and their consultant, wherein PP submits that since it is a Flagstone Quarry, where no blasting is proposed and mining shall be through open-cast semi mechanized method. In the DFO, letter vide no 77 dated 04/01/2018 forest area is at a distance of approx. 100 meters from the lease boundary, for which PP has obtained approval from Divisional Commissioner Level Forest Committee, meeting held on 02.03.2019.

The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Flagstone 2,001 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 8.69 Lakh as capital and Rs. 2.05 Lakh/year. Under CER Rs. 0.24 Lakh/ year has proposed.

14. Case No 6855/2020 M/s Kalash Minerals, Partner - Shri Hemant Agrawal, R/o - 246/3, Beniganj Marg, Rani Bagiya, Dist. Chhatarpur, MP Prior Environment Clearance for Metal Stone Quarry in an area of 2.00 ha. (96,176 cum per annum) (Khasra No. 1285 Parts), Village - Mamaun, Tehsil - Bijawar, Dist. Chhatarpur (MP).

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1285 Parts), Village - Mamaun, Tehsil - Bijawar,

Dist. Chhatarpur (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 4530 dated: 13/09/2019 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine total area of 4.00 ha., including this mine.

The case was presented by the PP and their consultant. During presentation as per Google image based on coordinates provided by PP, it was observed that no any other significant sensitive features were observed within 500 meters of the lease area. PP further stated that 08 meters elevation difference from the surface and working is proposed for two benches considering the width of the lease. After presentation the committee asked to submit following details:

- Revised plantation scheme with PP's commitment that plantation shall be done within two years as lease is valid for two years only.
- Revised CER activity upto two years only as suggested during presentation by the committee.

PP has submitted the response of above quarries same date vide letter dated 16.03.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

1. Production shall be as per mine plan with quantity not exceeding for Stone 96,176 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.10 Lakh as capital and Rs 4.074 Lakh/year and under CSR Rs. 1.80 Lakh.

15. Case No 6857/2020 Shri Ishwar Singh Pal S/o Shri Dheesalal Pal, Niwasi - Kharchakhedi, Tehsil - Sarangpur, Dist. Rajgarh, MP – 465687 Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (3,000 cum per annum) (Khasra No. 373/1), Village - Barol, Tehsil - Sarangpur, Dist. Rajgarh (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 373/1), Village - Barol, Tehsil - Sarangpur, Dist.

Rajgarh (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter no. 1000 dated: 19/07/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Some Trees	Within lease	North -East	Commitment that no tree falling is proposed.
Pucca Road	>50	NE	Controlled blasting with arrangements of sand bags and three rows of Plantation towards road side.
Natural Drain	>200	North West to South west	Provision of Garland drain & settling tanks.

After presentation the committee asked to submit following details:

- Commitment that no tree falling is proposed.
- Revised water demand.
- Revised EMP as suggested by committee.
- Revised plantation scheme as suggested during presentation by the committee.
- Revised CER with addition to proposal for development of charnoi land designated in the village school boundary wall and traffic awareness camp.

PP has submitted the response of above quarries same date vide letter dated 16.03.2020, which was placed before the committee and the same found satisfactory. The EMP and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

1. Production shall be as per mine plan with quantity not exceeding for Stone 3,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 05.34 Lakh as capital and Rs 02.29 Lakh/year and under CSR Rs. 0.60 Lakh.

(Dr. Jai Prakash Shukla)
Member

(Dr. Mohd. Akram Khan)
Member

(Dr. R. Maheshwari)
Member

(Dr. Anil Sharma)
Member

(R.S.Kori)
Secretary

(Mohd. Kasam Khan)
Chairman

Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions and cases appraised for grant of TOR:

Annexure- 'A'

Standard conditions applicable to Stone/Murum and Soil quarries:

1. Mining should be carried out as per the submitted land use plan and approved mine plan.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
5. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
6. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
7. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 03 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Thick plantation shall be carryout in the periphery/barrier zone of the lease, mineral evacuation road and common area in the village. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
9. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
10. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
11. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
12. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.
13. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.
14. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
15. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.

16. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
17. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
18. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
19. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
20. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
21. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.
22. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020

Annexure- 'B'

Standard conditions applicable for the Sand Mine Quarries*

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. The mining activity shall be done manually and as per the land use plan & approved mine plan submitted by PP.
5. No heavy vehicles shall be allowed to enter the river bed and the transportation of the sand from the excavation pits of the leased area to the loading point shall be through trolleys (tractor trolleys) and not by heavy vehicles. Only registered tractor trolleys which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
6. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
7. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.

8. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
9. No Mining shall be carried out during Monsoon season.
10. The depth of mining shall be restricted to 3m or water level, whichever is less. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC ensuring that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
12. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
13. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
14. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
15. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
16. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
17. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
18. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
19. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
20. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
21. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
22. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
23. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
24. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
25. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020

Annexure- 'C'

Standard conditions applicable for the Sand deposits on Agricultural Land/ Khodu Bharu Type Sand Mine Quarries*

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
9. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
10. No Mining shall be carried out during Monsoon season.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
16. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.

19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
23. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020

Annexure- 'D'

General conditions applicable for the granting of TOR

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
3. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
12. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
13. Grant of TOR does not mean grant of EC.
14. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.

16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
17. All the necessary NOC's duly verified by the competent authority should be annexed.
18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
19. The EIA report should clearly mention activity wise EMP and CSR cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CSR cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples.
26. A separate budget in EMP & CER shall be maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
27. PP shall submit biological diversity report stating that there is no adverse impact in- situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.

FOR PROJECTS LOCATED IN SCHEDULED (V) TRIBAL AREA , following should be studied and discussed in EIA Report before Public Hearing as per the instruction of SEIAA vide letter No. 1241 dated 30/07/2018.

28. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
29. Detailed analysis of availability and quality of the drinking water resources available in the block.
30. A study by CPCB of the methodology of disposal of industrial waste from the existing industries in the block, whether it is being done in a manner that mitigate all health and environmental risks.
31. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtained.